

**MAIL STOP PCT**

**1473 Rec'd PCT/PTO 01 FEB 2006**

PCT

Docket No. 279987US0PCT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF: Yoshikazu MIYAMOTO, et al.

SERIAL NO: 10/556,717

GAU:

FILED: November 14, 2005

EXAMINER:

FOR: NORBORNENE DERIVATIVE, NORBORNENE POLYMER PRODUCED BY RING-OPENING  
(CO)POLYMERIZATION, AND PROCESS FOR PRODUCING THE POLYMER BY RING-OPENING  
(CO)POLYMERIZATION

**INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97**

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

**REFERENCES**

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

**RELATED CASES**

- ☐ Attached is a list of applicant's pending application(s), published application(s) or issued patent(s) which may be related to the present application. In accordance with the waiver of 37 CFR 1.98 dated September 21, 2004, copies of the cited pending applications are not provided. Cited published and/or issued patents, if any, are listed on the attached PTO form 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

**CERTIFICATION**

- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

**DEPOSIT ACCOUNT**

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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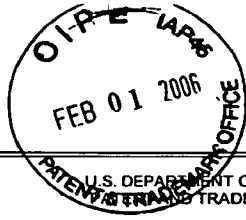
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Form PTO 1449  
(Modified)U.S. DEPARTMENT OF COMMERCE  
PATENT & TRADEMARK OFFICE

ATTY DOCKET NO.

279987US0PCT

SERIAL NO.

10/556,717

## LIST OF REFERENCES CITED BY APPLICANT

APPLICANT

Yoshikazu MIYAMOTO, et al.

FILING DATE

November 14, 2005

GROUP

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	AO	1-240517	09/26/89	JP (with English abstract)		NO
	AP	4-245202	09/01/92	JP (with English abstract)		NO
	AQ	5-2108	01/08/93	JP (equivalent of EP 0591536)		NO
	AR	5-64865	03/19/93	JP (with English abstract)		NO
	AS	5-212828	08/24/93	JP (with English abstract)		NO
	AT	5-61026	03/12/93	JP (with English abstract & equivalent of US 5334424)		NO
	AU	7-77608	03/20/95	JP (with English abstract)		NO
	AV					

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

	AW	NELSON et al. "Bicyclic Amino Alcohols. The Isomeric 2-Dimethylaminomethyl-3-hydroxymethylbicyclo[2.2.1]hept-5-enes", J. Org. Chem., vol. 40, no. 25, pages 3658-3664 1975	<input type="checkbox"/> Additional References sheet(s) attached
	AX	NAGAO et al. "A New Nonenzymatic Chiral Induction Into Prochiral Meso Compounds", Tetrahedron, vol. 40, no. 8, pages 1215-1223 1984	
	AY	OHWADA. "Orbital Distortion Arising from Remote Substituents. Nitration, Reduction, and Epoxidation of Fluorenes Bearing a Carbonyl or an Olefin Group in Spiro Geometry", J. Am. Chem. Soc., vol. 114, pages 8818-8827 1992	
	AZ	JASON et al. "Comparison of the Magnetic Anisotropy of the Cyclopropane and Cyclobutane Ring Systems as Probed by the Proton NMR Spectroscopy of Spiro[cycloalkane fluorenes]", J. Org. Chem., vol. 56, pages 3664-3669 1991	

Examiner

/Duc Truong/

Date Considered

03/13/2009

\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /DT/



U.S. PCT Application Serial No: 10/556,717

Filed: November 14, 2005

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Docket No. 279987US0PCT

#### STATEMENT OF RELEVANCY

- 1) References            have been cited in the International Search Report. A copy of these references is being submitted herewith.
- 2) References            have been cited in the corresponding            Search Report. A copy of these references is being submitted herewith.
- 3) References AO-AU, AW-AZ are discussed in the specification. A copy of these references is being submitted herewith.
- 4) References            are additional prior art known to Applicant. A copy of these references is being submitted herewith.